

## General Soil Profile

*You need to draw your own version of this soil profile on the sheet. Label the sections and make some brief bullet point notes on them.*

*The O horizon is the topmost horizon. It contains quite a bit of living material and humus — plants, decaying leaves, needles, moss, and such. This is a thin horizon and is often very dark in colour.*

*The A horizon is below the O horizon. It is made mostly of minerals and is the location of quite a few plant roots. This layer is also dark in colour due to the amount of humus located there.*

*The B horizon is below the A horizon. It's also known as the subsoil layer. This horizon usually is lighter in colour and has less organic material than the layers above it (O and A). The B horizon is described by the kind and amount of minerals found within it.*

*The C horizon is below the B horizon. It contains some parent material that has been slightly weathered. Because this layer is usually deeper than the layers above it, the material in this layer is less weathered.*

*The R horizon is the lowest horizon. It is the layer of bedrock — a solid rock layer.*

(Source: Adapted from <http://www.realtrees4kids.org/ninetwelve/soil.htm>)

